

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b> 10/716,110	<b>Applicant(s)</b> QUINITILIO, LUPI	
	<b>Examiner</b> Michael J. Feely	<b>Art Unit</b> 1712	

**All Participants:**

(1) Michael J. Feely.

(2) Arlene J. Powers (Reg. No. 35,985).

**Status of Application:** \_\_\_\_\_

(3) \_\_\_\_\_.

(4) \_\_\_\_\_.

**Date of Interview:** 26 September 2007

**Time:** \_\_\_\_\_

**Type of Interview:**

- ☒ Telephonic  
☐ Video Conference  
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

**Exhibit Shown or Demonstrated:** ☐ Yes ☒ No  
 If Yes, provide a brief description:

**Part I.**

**Rejection(s) discussed:**  
*pending*

**Claims discussed:**  
*pending*

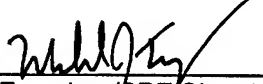
**Prior art documents discussed:**  
*EP 1 177 862 A2*

**Part II.**

**SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:**  
*See Office action. Fax proposal attached.*

**Part III.**

- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.  
☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

  
 (Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Interview Summary



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# Fax Cover Sheet

**Date:** 26 Sep 2007


<b>To:</b> Arlene J. Powers (Reg. No. 35,985)	<b>From:</b> Michael J. Feely
<b>Application/Control Number:</b> 10/716,110	<b>Art Unit:</b> 1712
<b>Fax No.:</b> (617) 426-2275	<b>Phone No.:</b> 571-272-1086
<b>Voice No.:</b> (617) 426-9180	<b>Return Fax No.:</b> (571) 273-1086
<b>Re:</b>	<b>CC:</b>

☐ Urgent    ☒ For Review    ☐ For Comment    ☒ For Reply    ☐ Per Your Request

Comments:  
Ms. Powers,

Attached is a proposed amendment (claims, specification, abstract). If these changes are approved by your client, I can enter them via an Examiner's amendment.

Thanks,

  
Michael J Feely

**MICHAEL FEELY**  
**PRIMARY EXAMINER**

**Number of pages** 7 **including this page**

## STATEMENT OF CONFIDENTIALITY

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1-12 (Cancelled).

13. (New) A coating composition for a smoothing and/or polishing element, particularly a flexible grinding wheel, provided with a flexible abrasive insert, for smoothing and polishing stone material, said coating composition consisting essentially of: a blend of epoxy resin and polysulfide; a thixotrope; primary amines; and synthetic diamond treated by a polyvinyl-formal primer.

14. (New) A coated substrate comprising a substrate coated with the coating composition of claim 13, wherein the substrate is a grinding wheel.

15. (New) The coated substrate according to claim 14, wherein the coating has a thickness between 0.3 and 1.2 mm.

16. (New) The coated substrate according to claim 14, wherein the substrate is a flexible grinding wheel.

17. (New) The coating composition according to claim 13, wherein the thixotrope comprises particulates of carbon and silica.

Problems:

Claims 1, 3-6, and 12 feature weight percentages not supported by the original disclosure.

Claim 8 features limitations not described in the specification and the data sheets provided.

Claim 9 features limitations not described in the specification and the data sheets provided.

Claim 10 features limitations not described in the specification and the data sheets.

Claim 11 features limitations not described in the specification.

Remaining claims:

Claim 12 is analogous to new claim 13.

Claim 2 is analogous to new claims 14 and 15.

Claim 7 is analogous to new claims 14 and 16.

Claim 9 is analogous to new claim 17.

Specification:

Replace page 1, lines 1-5 with:

**--A COATING COMPOSITION FOR A SMOOTHING AND/OR POLISHING  
ELEMENT AND A GRINDING WHEEL PROVIDED WITH SAID COATING  
COMPOSITION**

This application is a continuation-in-part of US Ser. No. ~~10/791,525~~, filed 03/01/2004.--

09/920,149 08/01/2004

Replace page 4, lines 15-21 with:

-- Therefore a specific object of the present invention is to have a coating for a smoothing and/or polishing element, particularly a flexible grinding wheel, provided with a flexible abrasive insert, for smoothing and polishing stone material, including: between 34 and 52 % by weight of a blend of epoxy resin and polysulfide; between 12 and 19 % by weight of a thixotrope; between 9 and 18% by weight of primary amines; and synthetic diamond treated by a polyvinyl-formal primer.--

Replace page 5, lines 1-9 with:

-- A further object of the present invention is a process for coating a grinding wheel providing the following steps:

a) the diamond is mixed/immersed within a liquid product and it is dripped by a suitable sieve;

b) the above is mixed with a pre-mixed product comprising a thixotrope and a polyvinyl formal material;

c) the above is dried for about 4 hours;

d) the above is mixed, by a suitable mixer, with a blend of epoxy resin and polysulfide, a thixotrope, and primary amines;--

Replace page 6, line 20 through page 7, line 2 with:

-- Therefore a coating for a smoothing and/or polishing element, particularly a flexible grinding wheel, provided with a flexible abrasive insert, for smoothing and polishing stone material, including: between 34 and 52 % by weight of a blend of epoxy resin and polysulfide; between 12 and 19 % by weight of a thixotrope; between 9 and 18% by weight of primary amines; and synthetic diamond treated by a polyvinyl-formal primer.--

Replace page 7, lines 6-11 with:

-- Preferably, the blend of epoxy resin and polysulfide can be comprised of TEXOS B210W®.

Preferably, said thixotrope is present in a percentage of 15% by weight.

Particularly, said thixotrope is comprised of CARBOSIL® comprising particulates of carbon and silica.--

Replace page 7, line 17 through page 8, line 3 with:

-- A further object of the present invention is a process for coating a grinding wheel providing the following steps:

a) the diamond is mixed/immersed within a liquid product and it is dripped by a suitable sieve;

b) the above is mixed with a pre-mixed product comprising a thixotrope and a polyvinyl formal material;

c) the above is dried for about 4 hours;

d) the above is mixed, by a suitable mixer, with a blend of epoxy resin and polysulfide, a thixotrope, and primary amines;--

Replace page 8, lines 11-16 with:

-- Preferably, the blend of epoxy resin and polysulfide can be comprised of TEXOS B210W®.

Preferably, said thixotrope is present in a percentage of 15% by weight.

Particularly, said thixotrope is comprised of CARBOSIL® comprising particulates of carbon and silica.--

Replace the Abstract with:

-- The invention concerns a coating for a smoothing and/or polishing element, particularly a flexible grinding wheel, provided with a flexible abrasive insert, for smoothing and polishing stone material, including: between 34 and 52 % by weight of a blend of epoxy resin and polysulfide; between 12 and 19 % by weight of a thixotrope; between 9 and 18% by weight of primary amines; and synthetic diamond treated by a polyvinyl-formal primer.--